



Sheet 1 of 1

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NO.

1293.1073C

APPLICATION NO.

10/756,423

LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

FIRST NAMED INVENTOR

Seong-jin MOON et al.

FILING DATE

January 14, 2004

GROUP ART UNIT

~~2615~~ 2621

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO	
600	AG	753 854 A2	01/15/97	Europe				
↑	AH	753 854 A3	01/15/97	Europe				
	AI	295 148	12/14/88	Europe				
	AJ	730 272 A2	09/04/96	Europe				
	AK	730 272 A3	09/04/96	Europe				
600	AL	737 974 A3	10/16/96	Europe				

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

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	AN	

EXAMINER

CHRISTOPHER ONYIAKU

DATE CONSIDERED

9/6/06

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



ATTACHMENT 1(f)

LIST OF COPENDING APPLICATIONS

ATTORNEY DOCKET NO.	APPLICATION NO.
1293.1073C1	10/756,423
FIRST NAMED INVENTOR	
Seong-jin MOON et al.	
FILING DATE	GROUP ART UNIT
January 14, 2004	2015 2621

The following, prior-filed, copending U.S. patent application(s) is/are listed in accordance with the duty of disclosure provisions of 37 CFR § 1.56, so that the Examiner may consider same should he deem any thereof to be material to examination of the subject application. Pursuant to 37 CFR § 1.98(a)(2)(iii), a copy of the identified copending application(s) is provided.

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U.S. PATENT APPLICATION DOCUMENTS

*EXAMINER INITIAL		U.S. SERIAL NO.	FILING DATE	NAME	ASSIGNEE
<i>boy</i>	1	10/756,421	01/14/2004	Seong-jin MOON, et al.	Samsung Electronics Co., Ltd.
	2	10/945,946	09/22/2004	Seong-jin MOON, et al.	Samsung Electronics Co., Ltd.
	3	10/842,690	05/11/2004	Seong-jin MOON, et al.	Samsung Electronics Co., Ltd.
	4	10/842,440	05/11/2004	Seong-jin MOON, et al.	Samsung Electronics Co., Ltd.
<i>neo</i>	5	10/756,422	01/14/2004	Seong-jin MOON, et al.	Samsung Electronics Co., Ltd.
	6				
	7				
	8				

EXAMINER	DATE CONSIDERED
<i>CHRISTOPHER OMIAKU</i>	<i>9/6/06</i>
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FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

Sheet 1 of 1

ATTORNEY DOCKET NO.

1293.1073C1

APPLICATION NO.

10/756,423

LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

FIRST NAMED INVENTOR

Seong-jin MOON et al.

FILING DATE

January 14, 2004

GROUP/ART UNIT

~~2015~~ 2621

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
/bco	AA	5,838,967	11/1998	Okayama et al.			
/bco	AB	5,659,745	08/1997	Inoue			
/bco	AC	5,902,115	05/1999	Katayama			
	AD						
	AE						
	AF						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	TRANSLATION YES NO		ABSTRACT
/bco	AG	6-76031	03/1994	Japan			X
/bco	AH	4-188484	07/1992	Japan			X
/bco	AI	8-339194	12/1996	Japan			X
	AJ						
	AK						
	AL						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

TRANSLATION
YES NO

	AM			
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EXAMINER

DATE CONSIDERED

CHRISTOPHER OSURAKY

9/6/06

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ATTACHMENT 1(e)

EXPLANATIONS OF RELEVANCY OF REFERENCES	ATTORNEY DOCKET NO.	APPLICATION NO.
	1293.1073C1	10/756,423
	FIRST NAMED INVENTOR	
	Seong-jin MOON et al.	
	FILING DATE	GROUP PART UNIT
	January 14, 2004	2645 2621

- 600 } 1) U.S. Patent No. 5,838,967 corresponds to Japanese Patent Publication 6-76031.
- 9/6 } 2) U.S. Patent No. 5,659,745 corresponds to Japanese Patent Publication 4-188484.
- 06 } 3) U.S. Patent No. 5,902,115 corresponds to Japanese Patent Publication 8-339194.



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FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NO.

1293.1073C1

APPLICATION NO.

10/756,423

LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

FIRST NAMED INVENTOR

Seong-jin MOON et al.

FILING DATE

January 14, 2004

GROUP/ART UNIT

2615 2621

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	TRANSLATION YES NO		ABSTRACT
Two	AG	JP06-67945	03/1994	Japan			X
	AH						
	AI						
	AJ						
	AK						
	AL						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

TRANSLATION
YES NO

Two	AM	Office Action in Japanese Patent Application no. 2002-228014 on September 6, 2005		
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EXAMINER

DATE CONSIDERED

CHRISTOPHER ONYIAKU

9/6/06

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ATTACHMENT 1(f)

LIST OF COPENDING APPLICATIONS	ATTORNEY DOCKET NO.	APPLICATION NO.
	1293.1073C1	10/756,423
	FIRST NAMED INVENTOR	
	Seong-Jin MOON et al.	
	FILING DATE	GROUP ART UNIT
	January 14, 2004	2621

The following, prior-filed, copending U.S. patent application(s) is/are listed in accordance with the duty of disclosure provisions of 37 CFR § 1.56, so that the Examiner may consider same should he deem any thereof to be material to examination of the subject application. Pursuant to 37 CFR § 1.98(a)(2)(iii), a copy of the identified copending application(s) is provided.

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U.S. PATENT APPLICATION DOCUMENTS

*EXAMINER INITIAL		U.S. SERIAL NO.	FILING DATE	NAME	ASSIGNEE
<i>lmo</i>	1	11/281,491	11/18/2005	Seong-Jin MOON et al.	Samsung Electronics Co., Ltd.
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	3				
	4				
	5				
	6				
	7				
	8				

EXAMINER	DATE CONSIDERED
<i>CHRISTOPHER QUAKU</i>	<i>9/16/06</i>
<p>*EXAMINER: Initial if document considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>	

ATTACHMENT 1(g)

LIST OF ADDITIONAL SUBMITTED DOCUMENTS	ATTORNEY DOCKET NO.	APPLICATION NO.
	1293.1073C1	10/756,423
	FIRST NAMED INVENTOR	
	Seong-Jin MOON et al.	
	FILING DATE	GROUP ART UNIT
	January 14, 2004	2621

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
<i>[Signature]</i>	AA	6,778,755 B1	08/17/2004	Seong-Jin MOON et al.			
<i>[Signature]</i>	AB	6,873,785 B2	03/29/2005	Seong-Jin MOON et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES NO	
	AC							
	AD							

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

							TRANSLATION YES NO	
	AE							

EXAMINER <i>CHRISTOPHER DUNAKU</i>	DATE CONSIDERED <i>9/6/06</i>
*EXAMINER: Initial if document considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	



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FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NO.

1293.1073C1

APPLICATION NO.

10/756,423

LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

FIRST NAMED INVENTOR

Seong-jin MOON et al.

FILING DATE

January 14, 2004

GROUP/ART UNIT

2621

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
lgo	AA	6,009,234	12/1999	Taira et al.			
	AB						
	AC						
	AD						
	AE						
	AF						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	TRANSLATION YES NO		ABSTRACT
lgo	AG	EP 0751515	1/2/1997	European			
	AH	JP 63-079287	04/1988	Japan			X
	AI	JP 09-017127	01/1997	Japan			X
lgo	AJ	JP 10-050034	02/1998	Japan			X
	AK						
	AL						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

TRANSLATION
YES NO

lgo	AM	Office Action issued in Japanese Patent Application No. 11-179073, on February 7, 2006		
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EXAMINER

DATE CONSIDERED

CHRISTOPHER ONYAKU

9/6/06

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ATTACHMENT 1(e)

EXPLANATION OF RELEVANCY OF REFERENCES	ATTORNEY DOCKET NO.	APPLICATION NO.
	1293.1073C1	10/756,423
	FIRST NAMED INVENTOR	
	Seong-Jin MOON et al.	
	FILING DATE	GROUP ART UNIT
	January 14, 2004	2621

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9/14/04 • Reference AI (JP 9-17127) is substantially equivalent to Reference AG (EP 0751515).

• Reference AJ (JP 10-050034) is substantially equivalent to Reference AA (US 6,009,234).



FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NO.

1293.1073C1

Sheet 1 of 1

APPLICATION NO.

10/756,423

LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

FIRST NAMED INVENTOR

Seong-jin MOON et al.

FILING DATE

January 14, 2004

GROUP/ART UNIT

2621

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
lso	AA	5,555,098	09/1996	Parulski			
lso	AB	5,838,967	11/1998	Okayama et al.			
	AC						
	AD						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	TRANSLATION YES NO		ABSTRACT
lso	AE	EP 0545446 A1	06/1993	Europe			
	AF	JP 64-048285	02/1989	Japan			X
	AG	JP 01-204163	08/1989	Japan			X
	AH	JP 01-263714	10/1989	Japan			X
	AI	JP 06-020443	01/1994	Japan			X
	AJ	JP 06-076031	03/1994	Japan			X
lso	AK	JP 08-036519	02/1996	Japan			X

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

TRANSLATION
YES NO

lso	AL	Office Action issued in Japanese Patent Application No. 2004-134025 on May 9, 2006.		
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EXAMINER

DATE CONSIDERED

CHRISTOPHER DUNN

9/6/06

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**ATTACHMENT 1(e)**

EXPLANATIONS OF RELEVANCY OF REFERENCES	ATTORNEY DOCKET NO.	APPLICATION NO.
	1293.1073C1	10/756,423
	FIRST NAMED INVENTOR	
	Seong-jin MOON et al.	
	FILING DATE	GROUP ART UNIT
	January 14, 2004	2621

1000
9/6/06
* Reference AE (EP 0545446 A1) and AA (U.S. 5,555,098) are substantially equivalent to reference AI (JP 06-020443).

* Reference AB (U.S. 5,838,967) is substantially equivalent to reference AJ (JP 06-076031).



Sheet 1 of 1

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY DOCKET NO. 1293.1073C	APPLICATION NO. 10/756,423
LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)		FIRST NAMED INVENTOR Seong-jin MOON et al.	
		FILING DATE January 14, 2004	GROUP ART UNIT 2615 2621

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO	
<i>lao</i>	AA	EP737974A2	10/16/96	Europe	<u> </u>	<u> </u>	N/A	
<i>lao</i>	AB	CN1177816A	4/1/98	China	<u> </u>	<u> </u>	Abstract	

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>lao</i>	BA	English Language Chinese Office Action for Chinese Divisional Patent Application No. 01122435.5, dated June 11, 2004 (related to the present application)

EXAMINER <i>CHRISTOPHER ONUAKU</i>	DATE CONSIDERED <i>9/6/06</i>
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LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)		FIRST NAMED INVENTOR Seong-jin MOON et al.	
		FILING DATE January 14, 2004	GROUP ART UNIT 2621

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
<i>Shuo</i>	AA	6,047,103	04/2000	YAMAUCHI et al.	386	94	
	AB	4,703,369	08/1987	MORIYAMA et al.	386	97	
	AC	6,088,507	07/2000	YAMAUCHI et al.	386	95	
	AD	6,148,138	11/2000	SAWABE et al.	396	46	
<i>Shuo</i>	AE	6,332,194	12/2001	Bloom, et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO	
<i>Shuo</i>	AF	EP0965991 A1	12/1999	Europe				
	AG	06-076031	3/1994	Japan			Abstract	
	AH	04-188484	7/1992	Japan			Abstract	
	AI	10-125046	5/1998	Japan			Abstract	
	AJ	11-317056	11/1999	Japan			Abstract	
<i>Shuo</i>	AK	9-17127	1/1997	Japan			Abstract only	

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LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)		FIRST NAMED INVENTOR Seong-jin MOON et al.	
		FILING DATE January 14, 2004	GROUP ART UNIT 2621

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE

FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
boo	BA	6-314176	11/1994	Japan		Abstract only
↑	BB	8-287654	11/1996	Japan		Abstract only
	BC	10-50034	2/1998	Japan		Abstract only
	BD	10-92155	4/1998	Japan		Abstract only
↓	BE	10-143978	5/1998	Japan		Abstract only
boo	BF	8-340507	12/1996	Japan		Abstract only

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

			TRANSLATION YES NO
boo	BG	Japanese Office Action for Japanese Application No. 2000-321764, dated September 2, 2003.	x

EXAMINER CHRISTOPHER ONUAKU	DATE CONSIDERED 9/6/06
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	FIRST NAMED INVENTOR	
	Seong-jin MOON et al.	
	FILING DATE	GROUP ART UNIT
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U.S. PATENT APPLICATION DOCUMENTS

EXAMINER INITIAL		U.S. SERIAL NO.	FILING DATE	NAME	ASSIGNEE
<i>lao</i>	1	09/592,109	June 12, 2000	Seong-jin MOON, et al.	Samsung Electronics Co., Ltd
	2	09/592,110	June 12, 2000	Seong-jin MOON, et al.	Samsung Electronics Co., Ltd
	3	10/020,979	December 19, 2001	Seong-jin MOON, et al.	Samsung Electronics Co., Ltd
<i>lao</i>	4	10/137,366	May 3, 2002	Seong-jin MOON, et al.	Samsung Electronics Co., Ltd.
	5				
	6				
	7				
	8				

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